

ATTACHMENT A

Clean Replacement/New Claims

Following herewith is a clean copy of each claim which replaces each previous claim having the same number; and each new claim.

1. (AMENDED) A high voltage transformer for a microwave oven, said transformer including a core and primary and secondary coils, and further comprising:
an insulation molding part enclosing at least a part of said secondary coil and including a sensor accommodating portion; and
a temperature sensor, accommodated in said sensor accommodating portion, for detecting the temperature of the secondary coil.

16. (NEW) A microwave oven including a housing, a cooking chamber within said housing, an electronic component compartment within said housing, a door for said cooking chamber, and a control panel installed within said housing in front of said electronic compartment, said electronic component compartment including a high voltage transformer for generating a high voltage when the microwave oven is supplied with power from a power supply, a high voltage capacitor which is charged to a high voltage by the high voltage transformer, and a magnetron for generating microwaves and radiating the microwaves into the cooking chamber when discharge of the high voltage capacitor supplies the magnetron with a high voltage, said high voltage transformer including a core and primary and second coils, and further comprising:
an insulating molding part enclosing at least a part of said secondary coil and including a sensor accommodating portion; and
a temperature sensor, accommodated in said sensor accommodating portion, for detecting the temperature of the secondary coil.